Supporting Information

Chemical Constituents of *Apios americana* Tubers and Their Inhibitory Activities on Nitric Oxide Production in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages

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Table of contents

S1. HRESIMS spectrum of the new compound **1**.

S2. ^{1}H NMR spectrum (800 MHz, DMSO-d_6) of the new compound **1**.

S3. ^{13}C NMR spectrum (200 MHz, DMSO-d_6) of the new compound **1**.

S4. HSQC spectrum (800 MHz, DMSO-d_6) of the new compound **1**.

S5. HMBC spectrum (800 MHz, DMSO-d_6) of the new compound **1**.

S6. HRESIMS spectrum of the new compound **3**.

S7. ^{1}H NMR spectrum (600 MHz, DMSO-d_6) of the new compound **3**.

S8. ^{13}C NMR spectrum (150 MHz, DMSO-d_6) of the new compound **3**.

S9. HSQC spectrum (600 MHz, DMSO-d_6) of the new compound **3**.

S10. HMBC spectrum (600 MHz, DMSO-d_6) of the new compound **3**.

S11. COSY spectrum (600 MHz, DMSO-d_6) of the new compound **3**.

S12. HRESIMS spectrum of the new compound **5**.

S13. ^{1}H NMR spectrum (600 MHz, DMSO-d_6) of the new compound **5**.

S14. ^{13}C NMR spectrum (150 MHz, DMSO-d_6) of the new compound **5**.

S15. HSQC spectrum (600 MHz, DMSO-d_6) of the new compound **5**.

S16. HMBC spectrum (600 MHz, DMSO-d_6) of the new compound **5**.

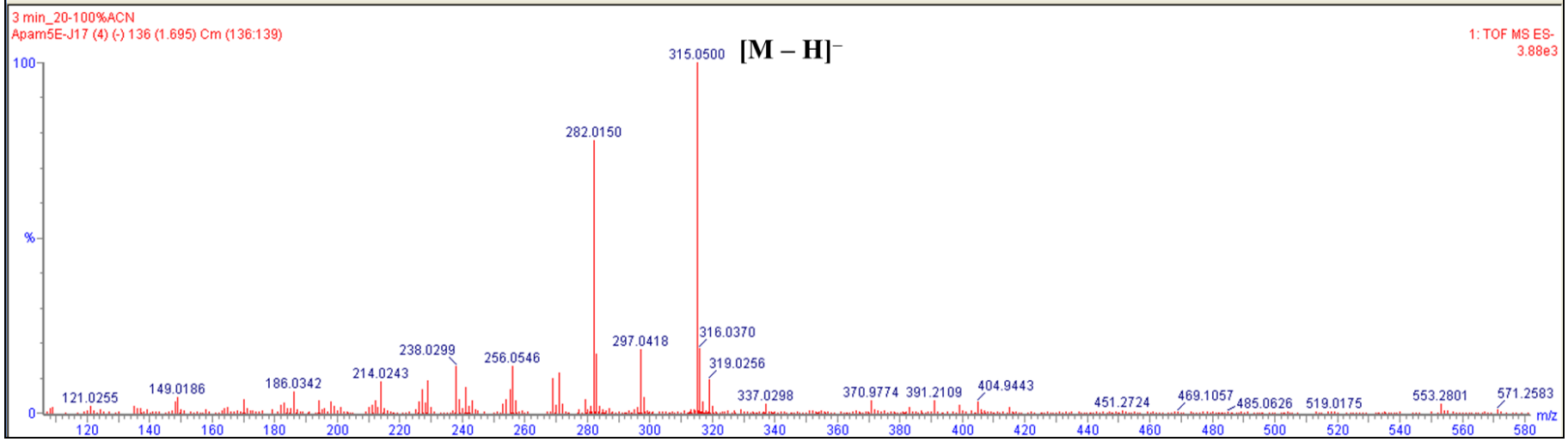
S17. COSY spectrum (600 MHz, DMSO-d_6) of the new compound **5**.

S18. Cell viability of compounds **1**, **3**, **6**–**8**, **15**, and **20** in RAW 264.7 cells by MTT assay.

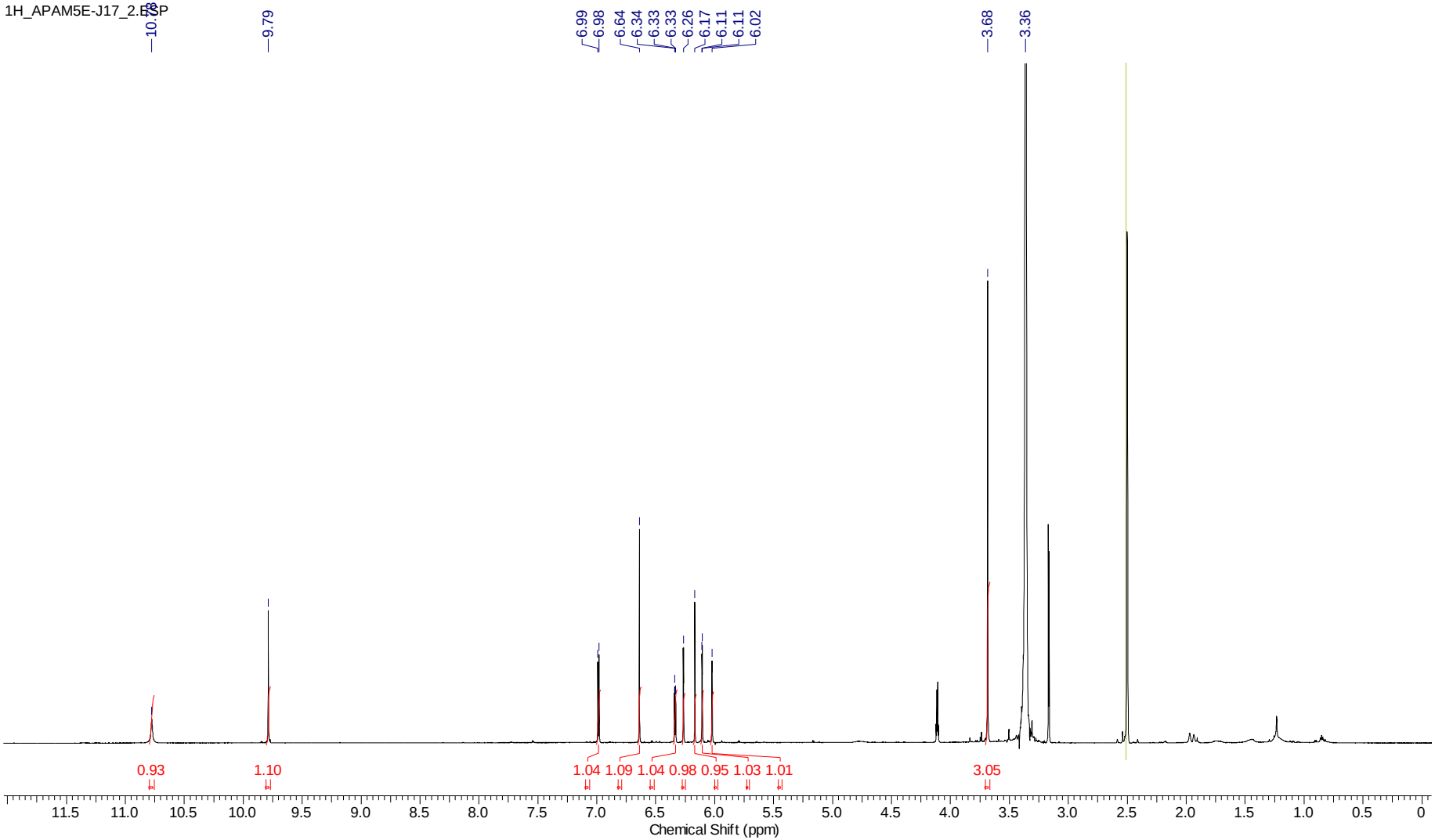
S1. HRESIMS spectrum of the new compound **1**.

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0
Selected filters: None
Monoisotopic Mass, Even Electron Ions
61 formula(e) evaluated with 1 results within limits (up to 50 best isotopic matches for each mass)

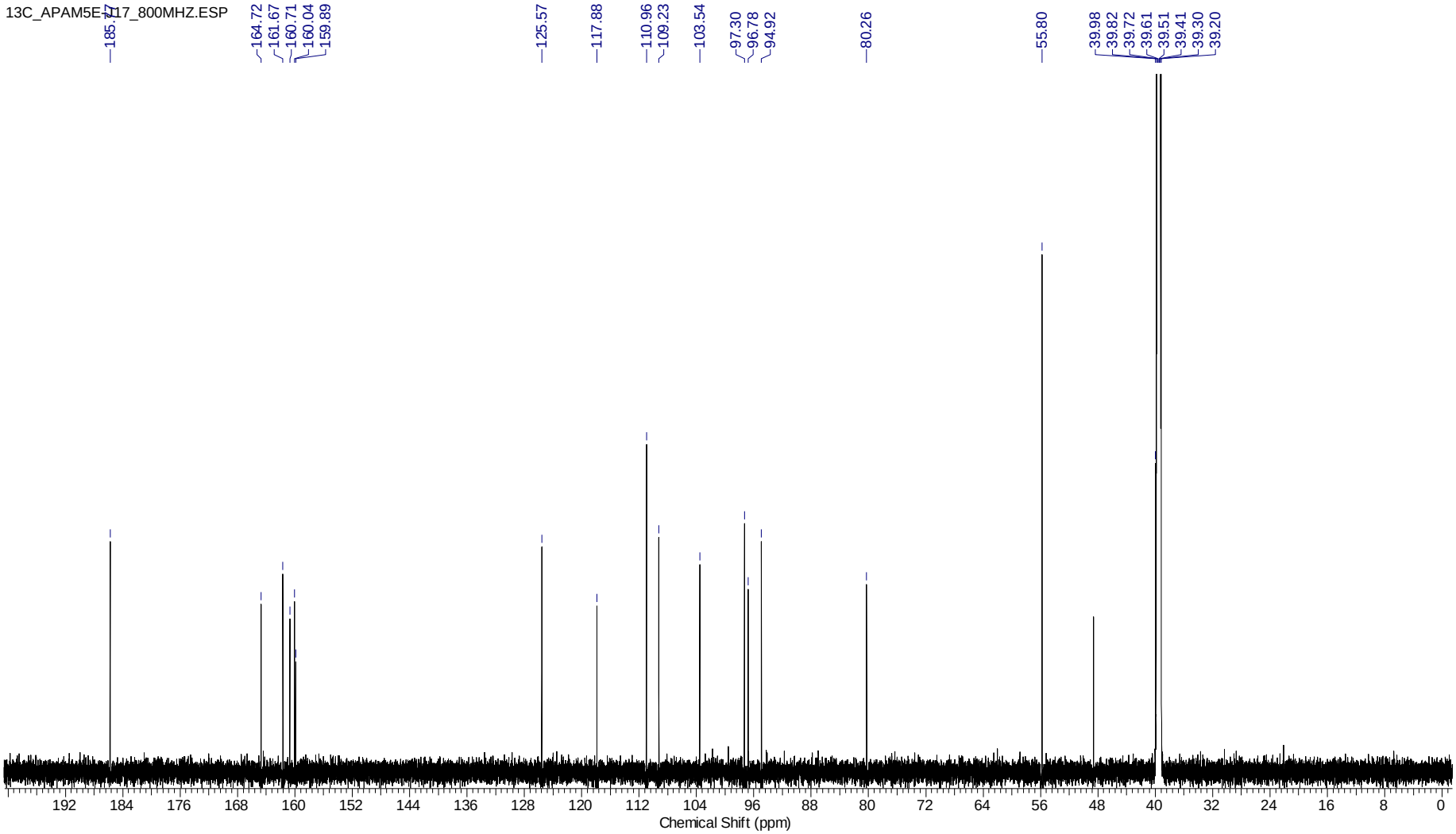
Mass	Calc. Mass	mDa	PPM	DBE	Formula	i-FIT	C	H	O
315.0500	315.0505	-0.5	-1.6	11.5	C16 H11 O7	6.4	16	11	7



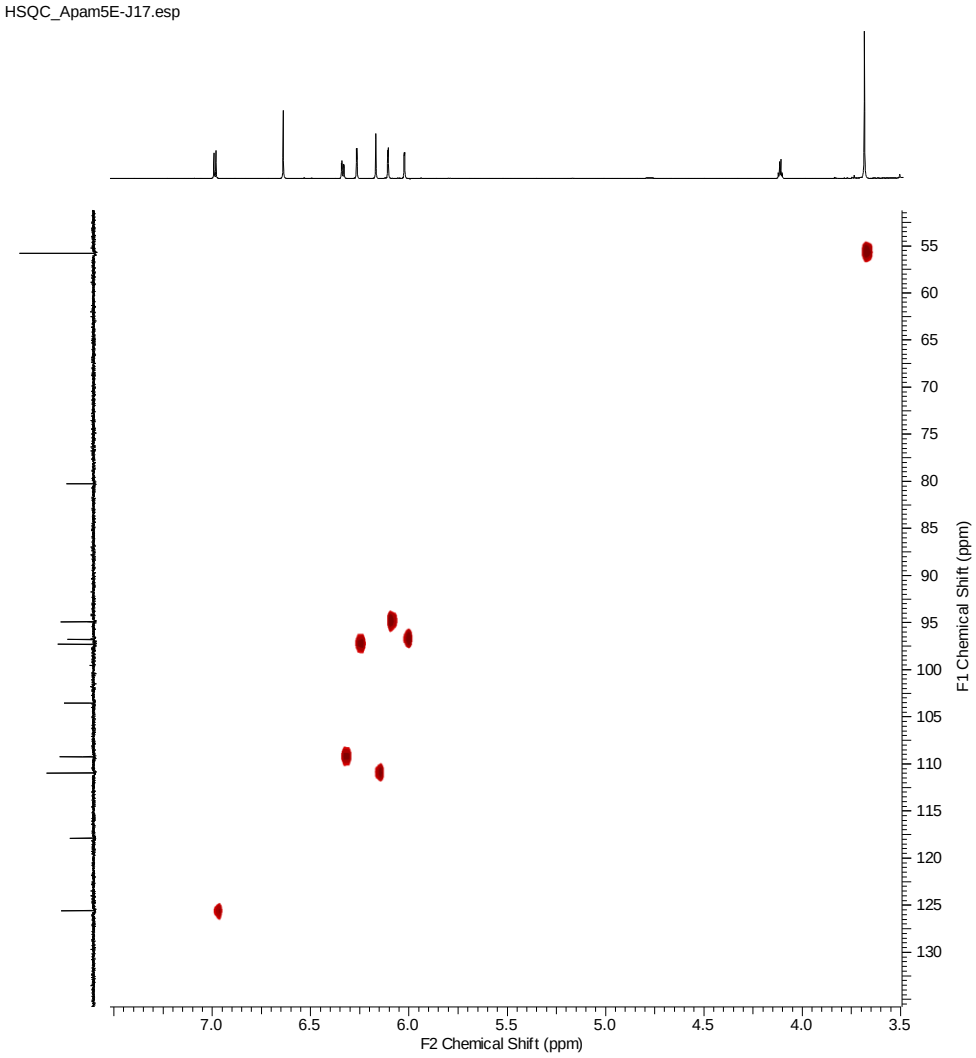
S2. ^{1}H NMR spectrum (800 MHz, DMSO-d_6) of the new compound **1**.



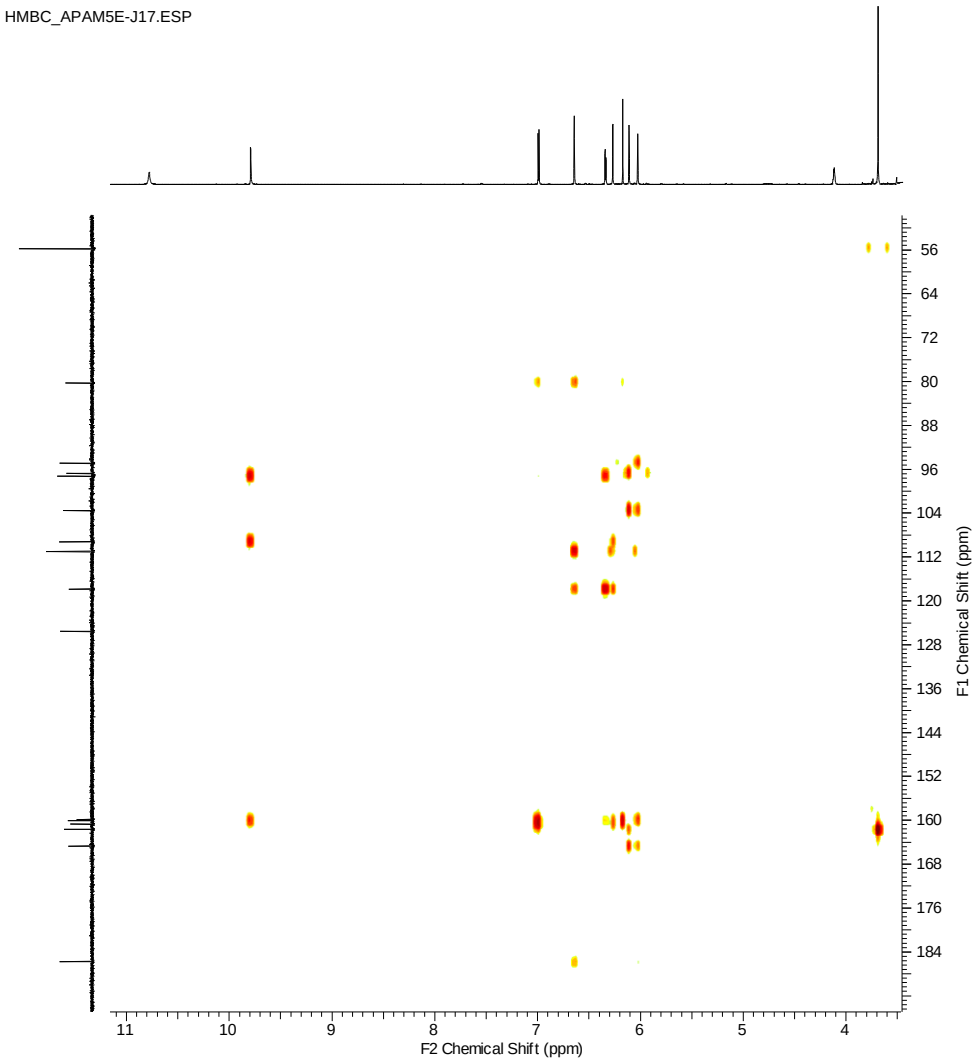
S3. ^{13}C NMR spectrum (200 MHz, DMSO-d_6) of the new compound **1**.



S4. HSQC spectrum (800 MHz, DMSO-d_6) of the new compound **1**.



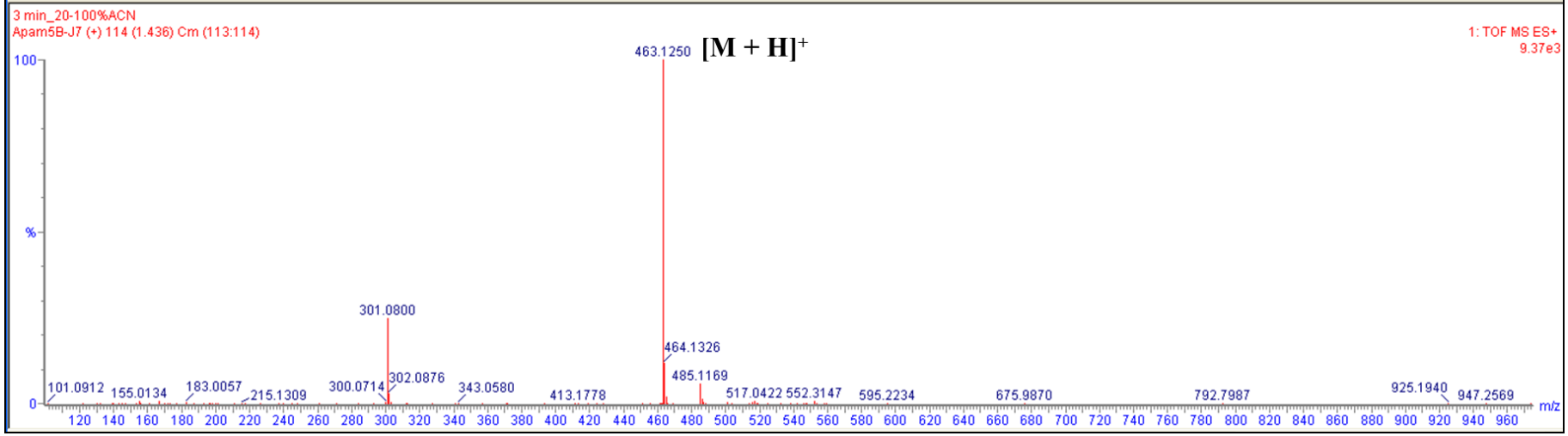
S5. HMBC spectrum (800 MHz, DMSO-d_6) of the new compound **1**.



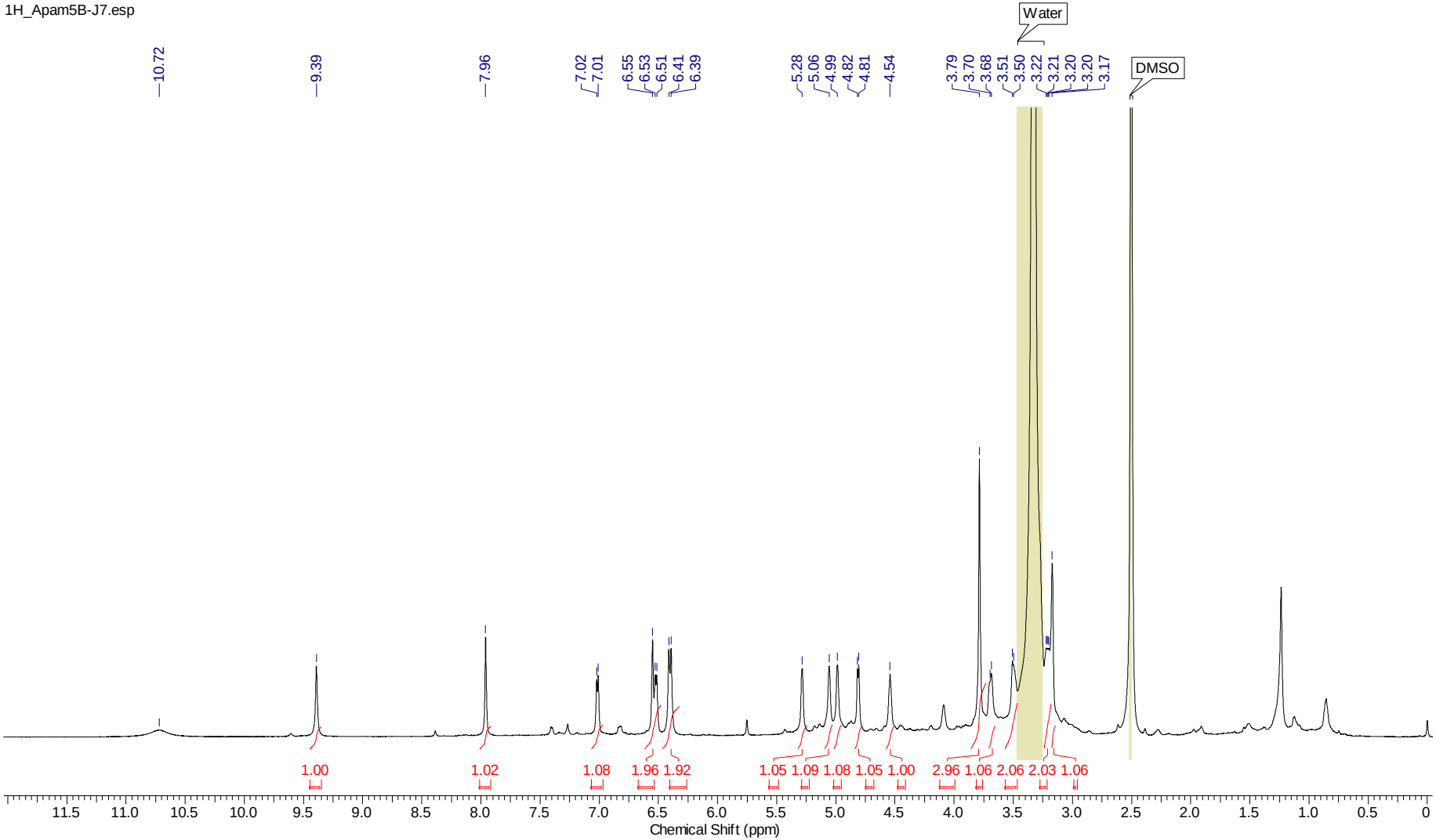
S6. HRESIMS spectrum of the new compound **3**.

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0
Selected filters: None
Monoisotopic Mass, Even Electron Ions
99 formula(e) evaluated with 1 results within limits (up to 50 best isotopic matches for each mass)

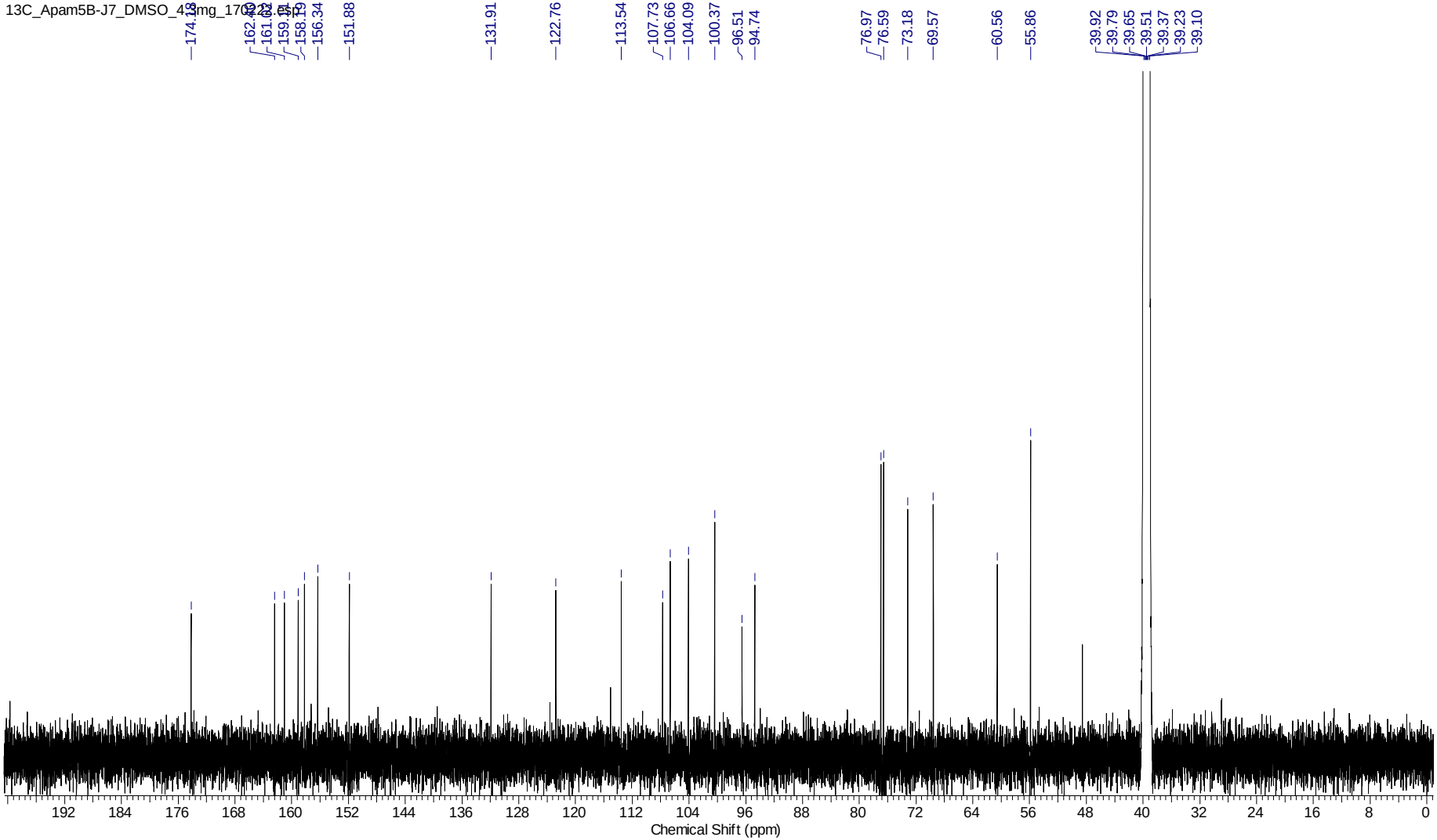
Mass	Calc. Mass	mDa	PPM	DBE	Formula	i-FIT	C	H	O
463.1250	463.1240	1.0	2.2	11.5	C22 H23 O11	615.1	22	23	11



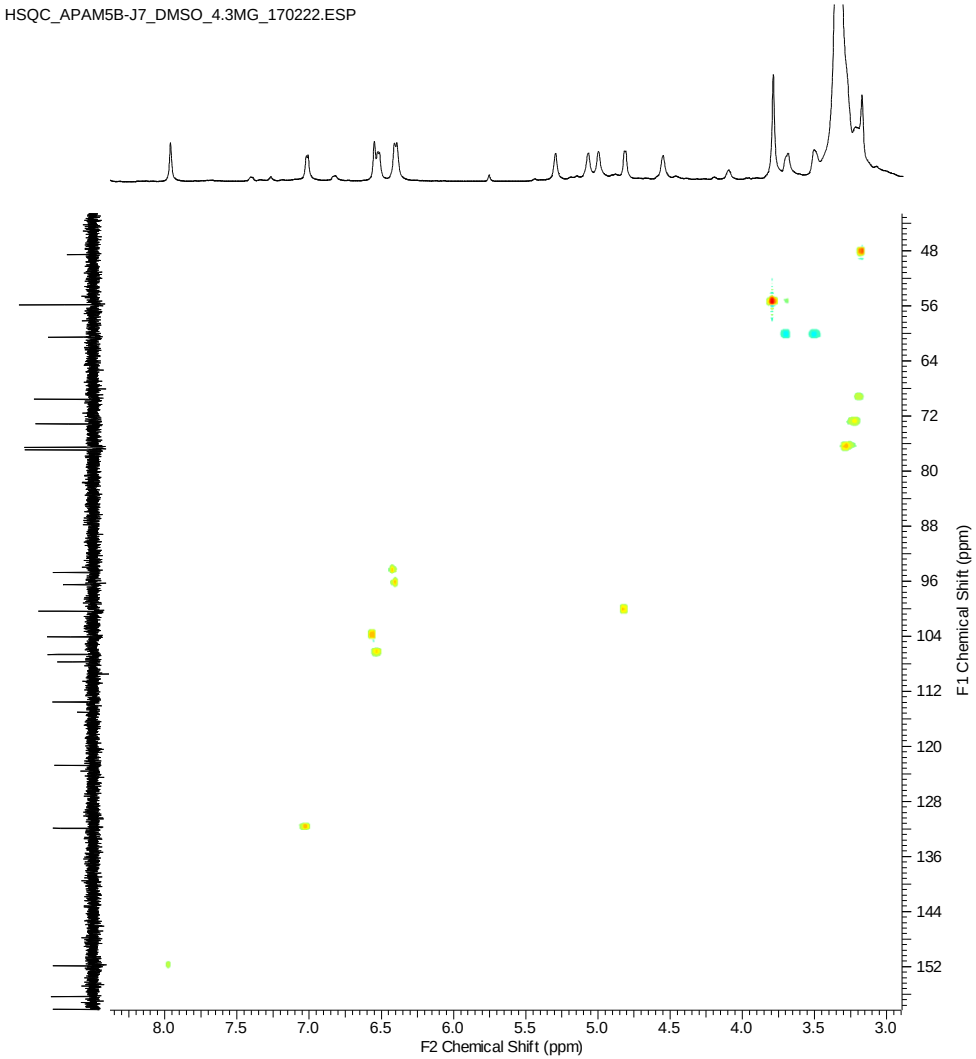
S7. ^{1}H NMR spectrum (600 MHz, DMSO-d_6) of the new compound **3**.



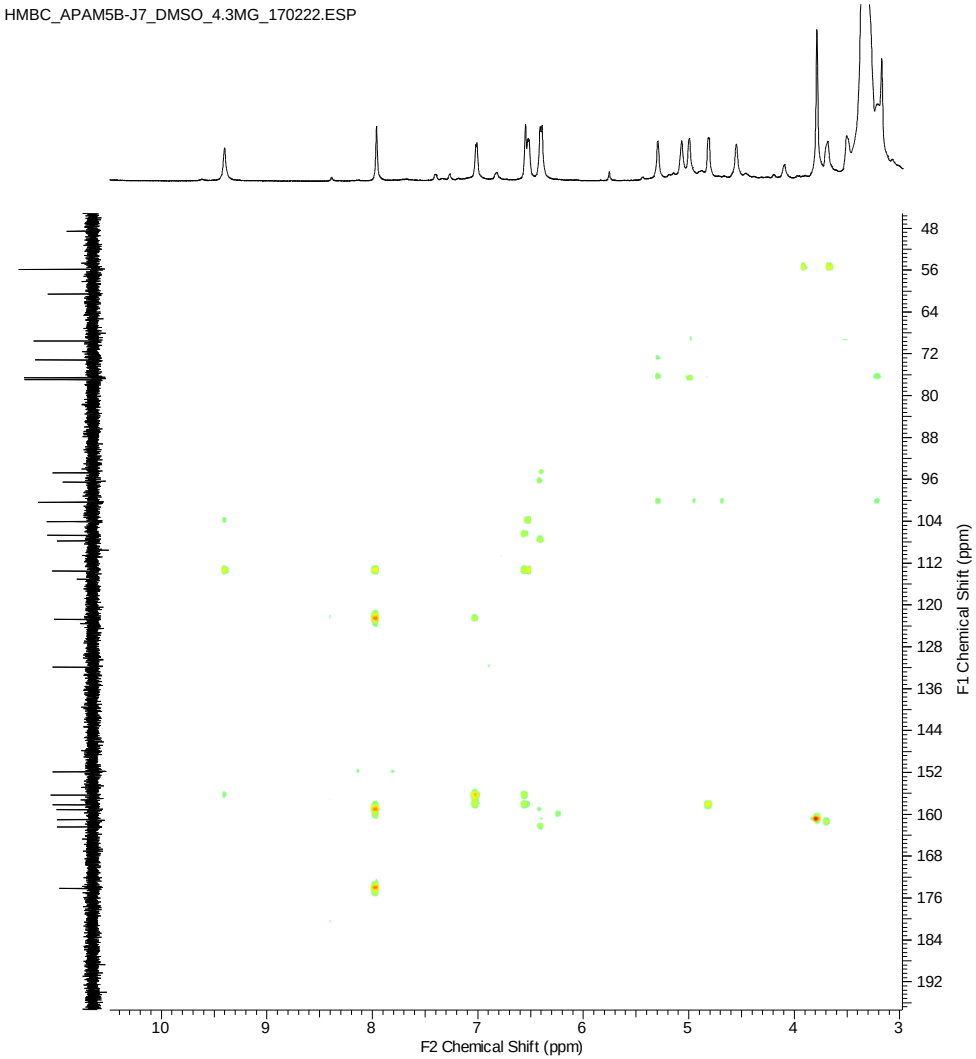
S8. ^{13}C NMR spectrum (150 MHz, DMSO-d_6) of the new compound **3**.



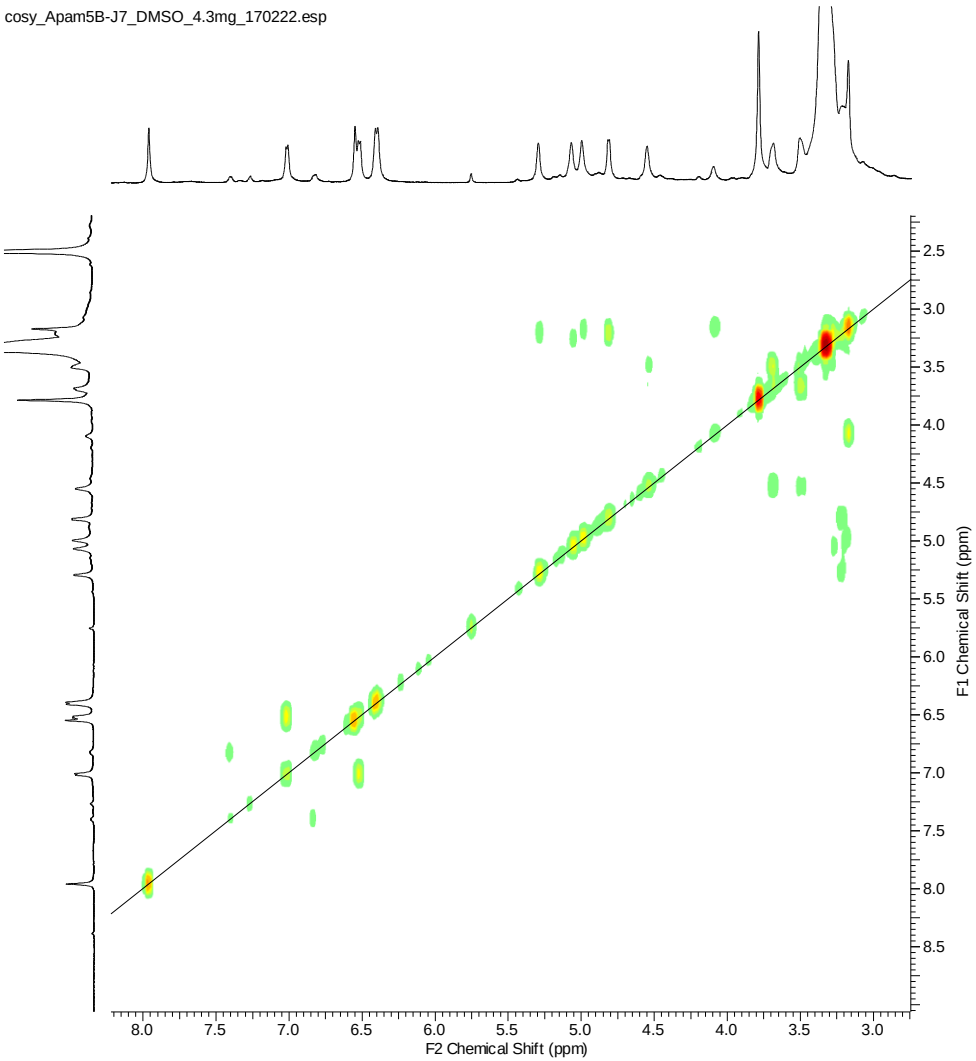
S9. HSQC spectrum (600 MHz, DMSO-d_6) of the new compound **3**.



S10. HMBC spectrum (600 MHz, DMSO-d_6) of the new compound **3**.



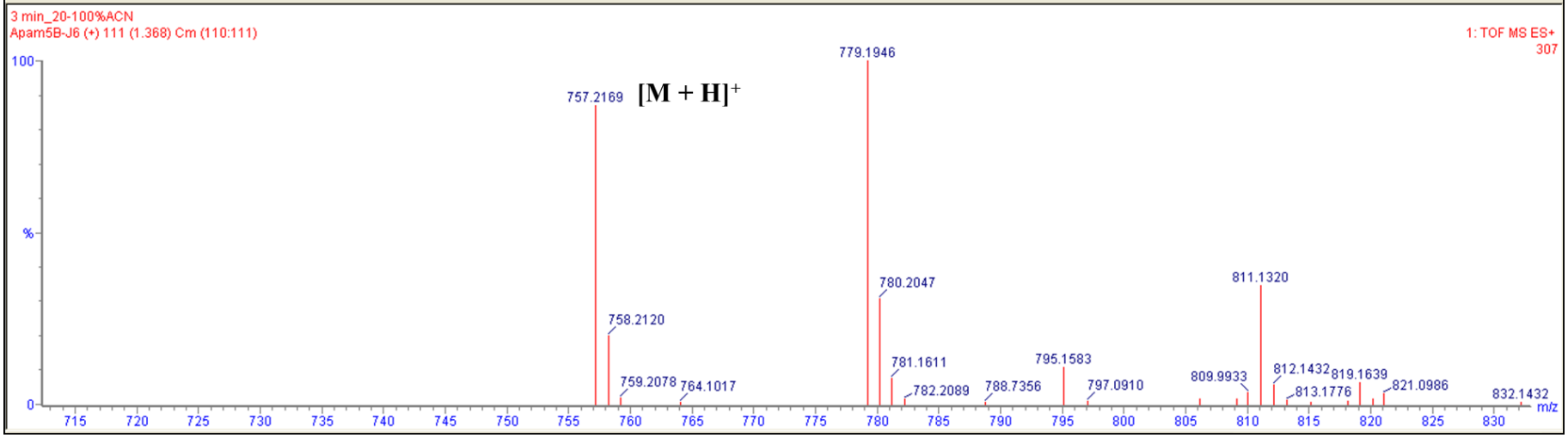
S11. COSY spectrum (600 MHz, DMSO-d_6) of the new compound **3**.



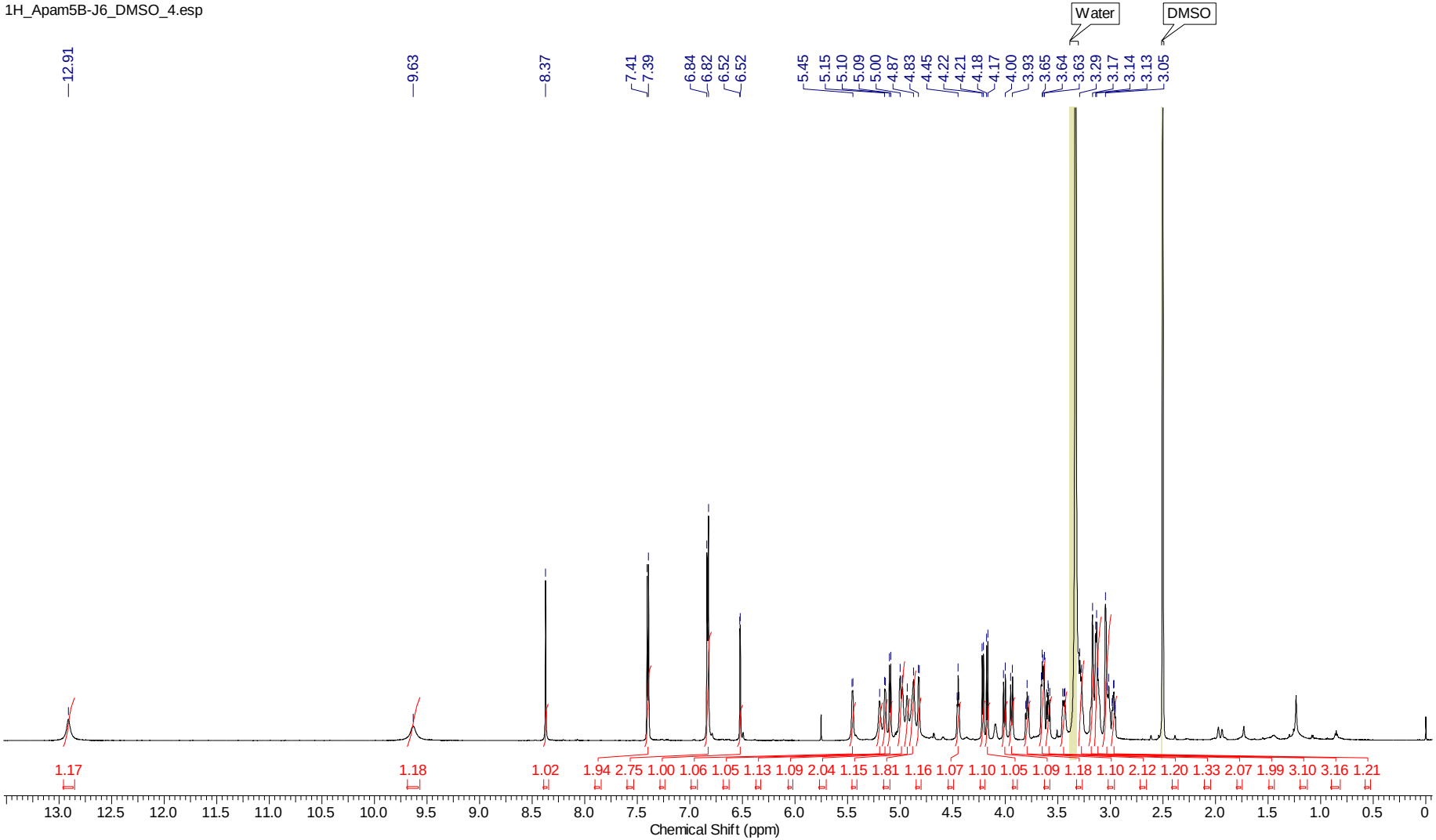
S12. HRESIMS spectrum of the new compound **5**.

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0
Selected filters: None
Monoisotopic Mass, Even Electron Ions
73 formula(e) evaluated with 1 results within limits (up to 50 best isotopic matches for each mass)

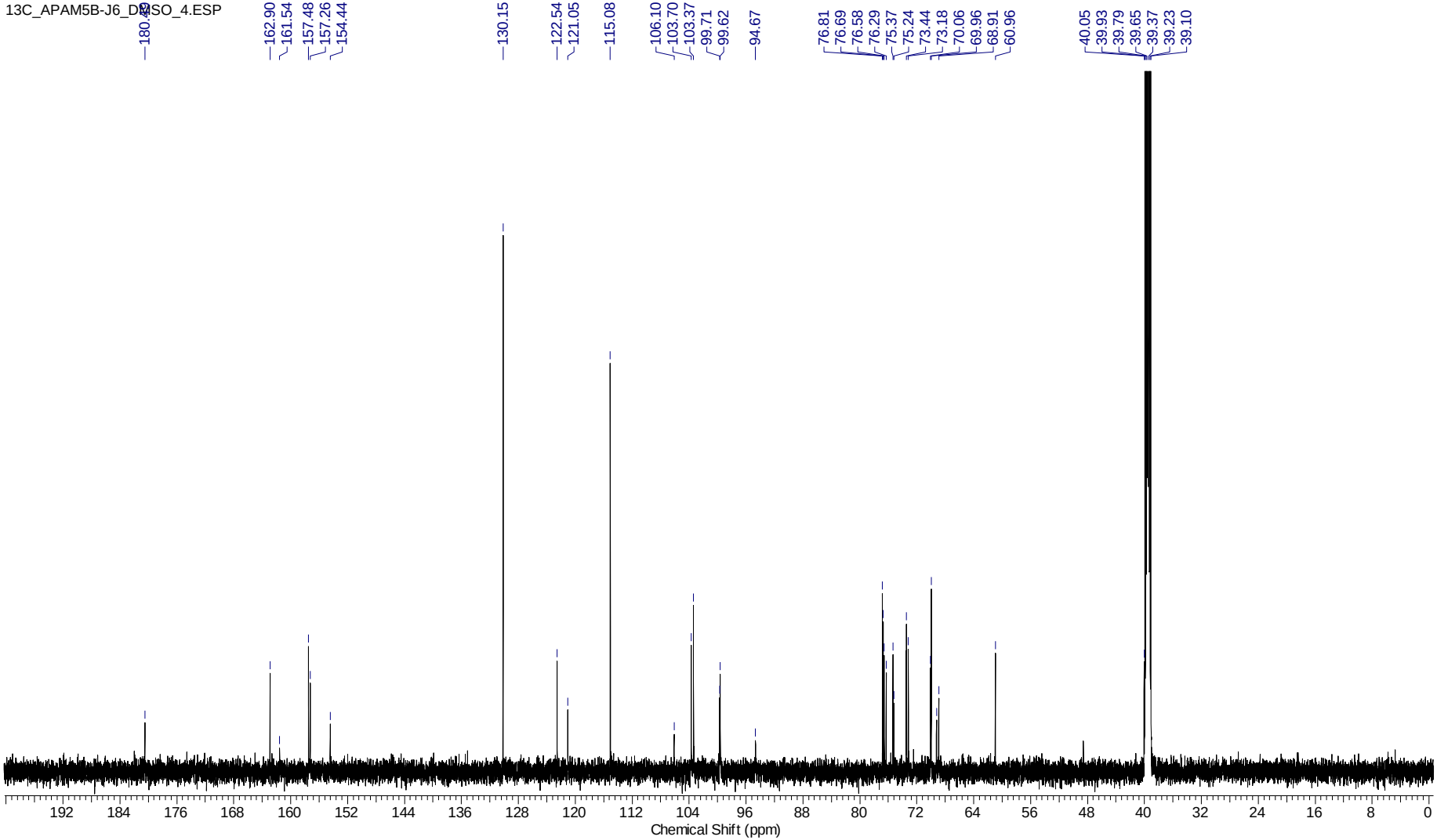
Mass	Calc. Mass	mDa	PPM	DBE	Formula	i-FIT	C	H	O
757.2169	757.2191	-2.2	-2.9	13.5	C33 H41 O20	30.3	33	41	20



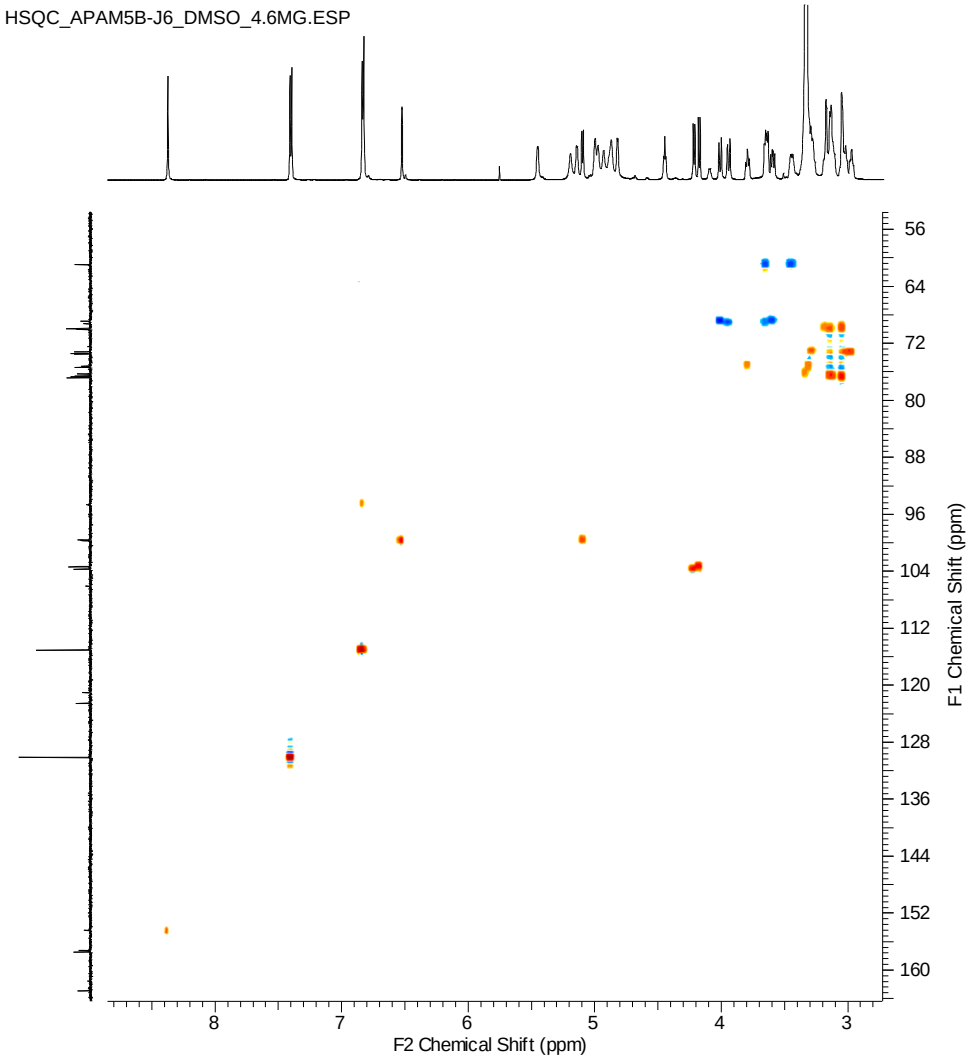
S13. ^{1}H NMR spectrum (600 MHz, DMSO-d_6) of the new compound **5**.



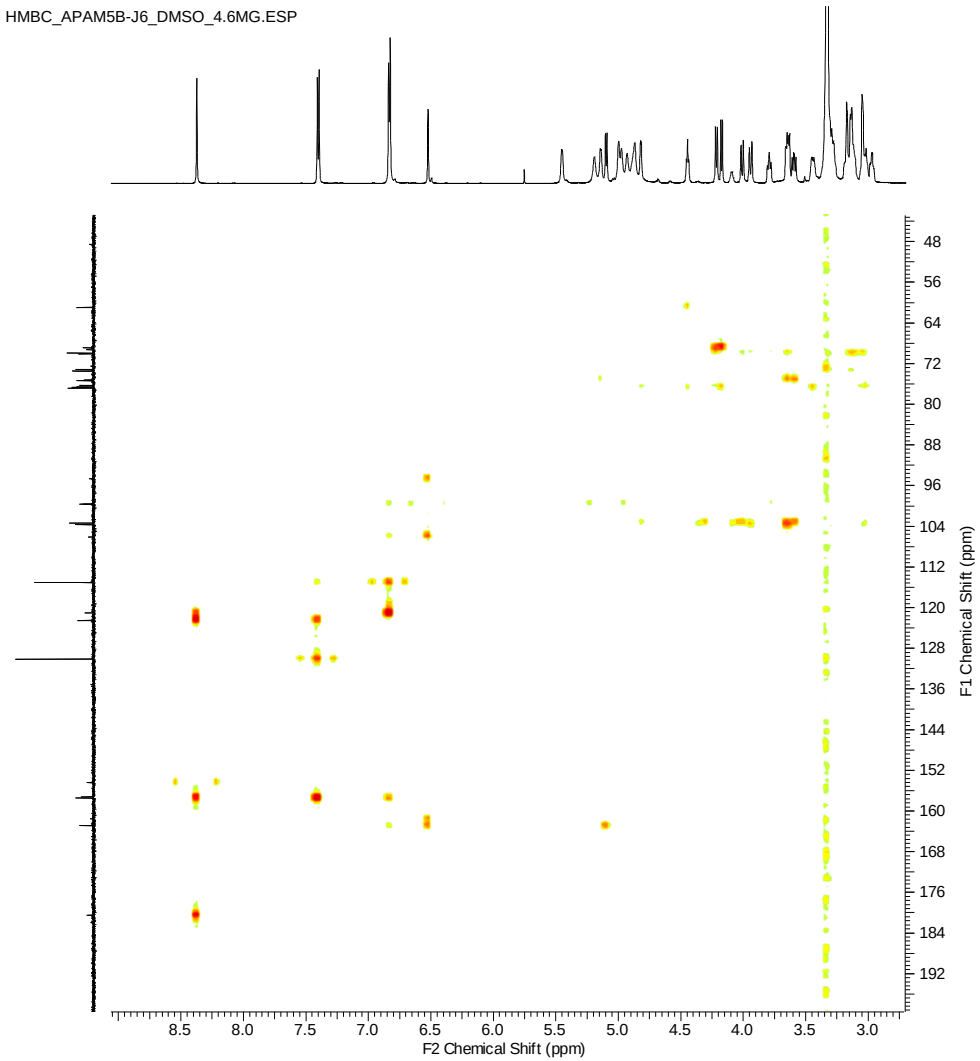
S14. ^{13}C NMR spectrum (150 MHz, DMSO-d_6) of the new compound **5**.



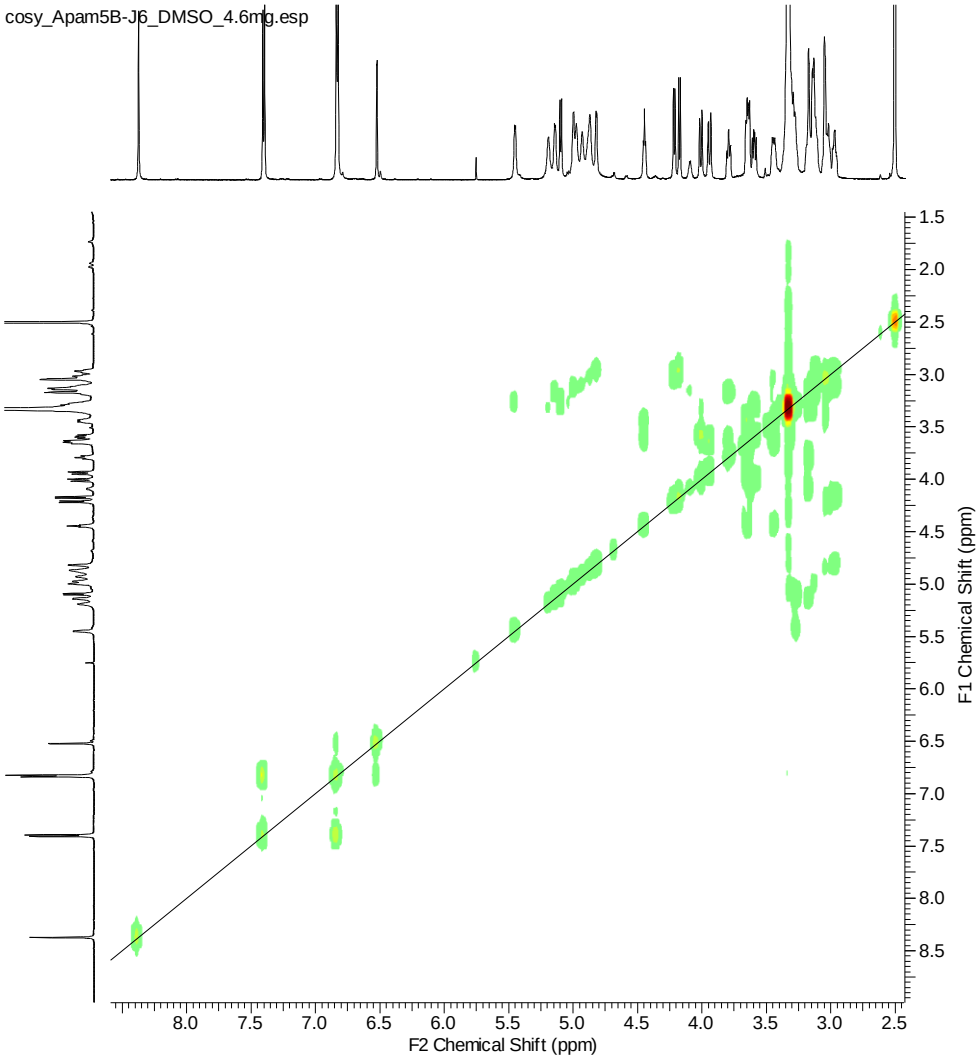
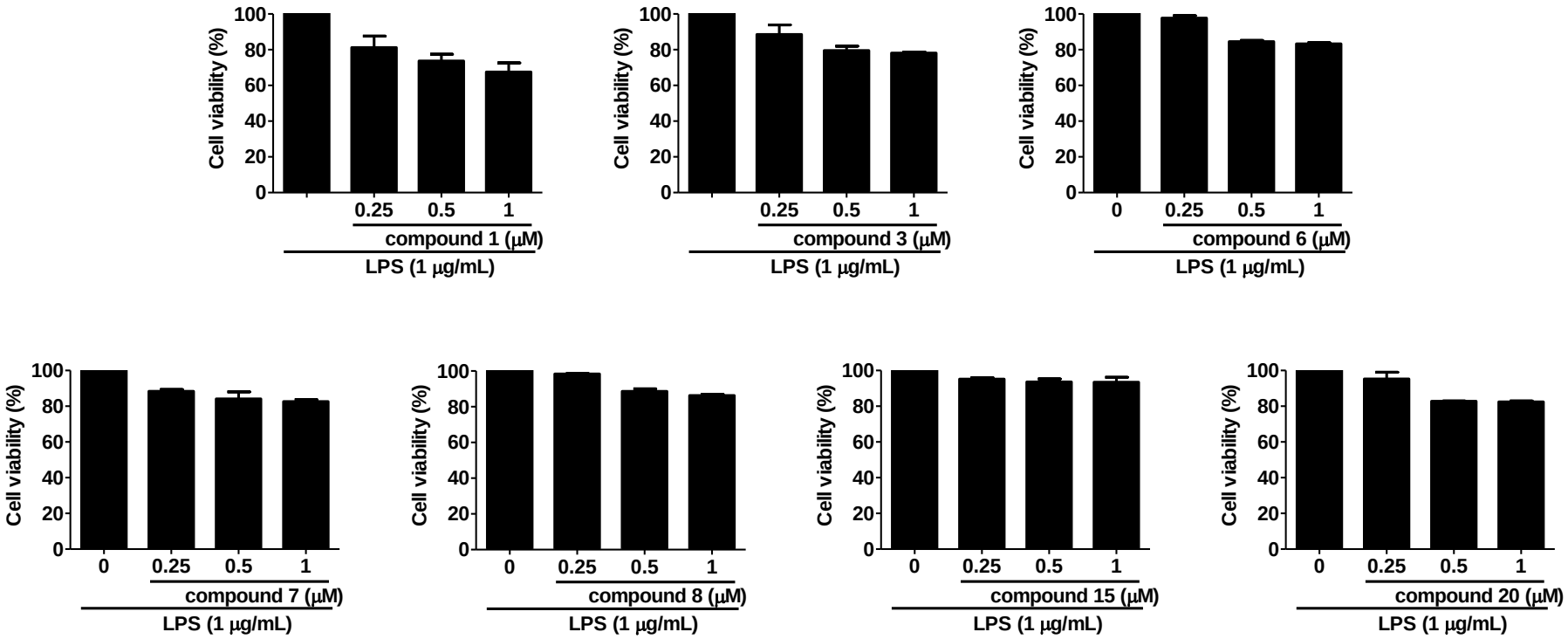
S15. HSQC spectrum (600 MHz, DMSO-d_6) of the new compound **5**.



S16. HMBC spectrum (600 MHz, DMSO-d_6) of the new compound **5**.



S17. COSY spectrum (600 MHz, DMSO-d_6) of the new compound **5**.



S18. Cell viability of compounds **1**, **3**, **6**–**8**, **15**, and **20** in RAW 264.7 cells by MTT assay.